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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER WLIU 2 00002 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/519420 |
| INTERNATIONAL APPLICATION NO. PCT/CN03/00491 | INTERNATIONAL FILING DATE 25 June 2003 | PRIORITY DATE CLAIMED 25 June 2002 |
| TITLE OF INVENTION PLUG IN KILN VIDEO CAMERA AND IMAGE PROCESSING SYSTEM | | |
| APPLICANT(S) FOR DO/EO/US GAO, et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Search Report; Copy of WO/2004/002136; two (2) Drawing Sheets | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|---|--------------|---|------------|---|-----------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/519420 | | INTERNATIONAL APPLICATION NO. PCT/CN03/00491 | | ATTORNEY'S DOCKET NUMBER WLIU 2 00002 | |
| 21. The following fees are submitted: | | | | Applicant use | Office use only |
| <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 | | | | \$ 150 | |
| <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 | | | | \$ 100 | |
| <input checked="" type="checkbox"/> c) Search fee..... \$500.00 | | | | \$ 250 | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | \$ 500 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 6 - 20 = | 0 | x \$50.00 | \$ | |
| Independent claims | 2 - 3 = | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 500 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$ 500 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 500 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ 500 | |
| Amount to be refunded: | | | | | \$ |
| Amount to be charged | | | | | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$500.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0308</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Robert V. Vickers, Esq. FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP 1100 Superior Avenue, Seventh Floor Cleveland, OH 44114 (216) 861-5582 - phone (216) 241-1666 - fax</p> | | | | | |
| | | | | <p style="text-align: center;"><i>James E. Scarbrough</i> 12/23/04 SIGNATURE Robert V. Vickers/James E. Scarbrough NAME 19,504 / 47,056 REGISTRATION NUMBER</p> | |

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF : GAO, et al.
FOR : **PLUG-IN KILN VIDEO CAMERA
AND IMAGE PROCESSING
SYSTEM**
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : Unknown
ART UNIT : Unknown
CONFIRMATION NO. : Unknown
LAST OFFICE ACTION : None
ATTORNEY DOCKET NO. : WLIU 2 00002

**TRANSMITTAL LETTER
REQUEST FOR COMMENCEMENT OF
NATIONAL STAGE UNDER 35 USC 371**

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This letter will itemize, summarize and comment on the materials transmitted herewith, which relate to the above-identified application as follows:

In accordance with 37 CFR 1.414, applicant submits the attached PTO Form 1390 and requests that the United States Patent and Trademark Office, as the United States Elected Office, receive the present Request and the attached copy of the above-identified international application and to commence the national stage under 35 USC 371. Pursuant to PTO Form 1390, a copy of the international

application as filed has been transmitted by the International Bureau. A duplicate copy (English translation) is included herewith as are the required filing fees.

1. Applicants herewith submit to the United States Elected Office (EO/US) the following thus under 35 USC § 371.

- a. This express request to immediately begin national examination procedures (35 USC § 371).
- b. The U.S. National Fee (35 USC § 371(c)(1)) and other fees 37 CFR § 1.492) as indicated on the attached fee schedule.

2. Applicants hereby reiterate and make a claim based upon priority of Chinese Application No. 02121548.0, filed on June 25, 2002 and PCT/CN03/00491, filed June 25, 2003. A certified copy of the priority document is on file with the International Bureau and was forwarded to the United States Patent and Trademark Office as a designated office on December 31, 2003. It is believed such actions are sufficient to effect applicants' claim of priority under 35 USC § 365 and 35 USC § 119.

3. A copy of the International application as filed (35 USC § 371(c)(2)) was transmitted by the International Bureau on December 31, 2003.

4. A translation of the International Application into the English language (35 USC § 371(c)(2)) is transmitted herewith.

5. A Preliminary Amendment (37 CFR § 1.121) is also attached.

6. An International Search Report (PCT/ISA/210) is transmitted herewith and has been transmitted by the International Bureau on December 31, 2003.

7. Two (2) sheets of drawings are transmitted herewith.

8. A copy of International Publication No. WO 04/002136 A1 is attached.

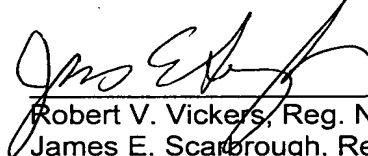
9. Small Entity Status is claimed by the applicant.

10. The above items are being transmitted before 30 months from any claimed priority date.

If there are any fees required in connection with the filing of any of the documents submitted herewith which have not been fully paid for by the attached check, you are requested to charge any insufficiency in the fee tendered or credit any overpayment to our Deposit Account 06-0308. It is requested that all correspondence between the Patent and Trademark Office and applicant be had with the undersigned.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE LLP

 12/23/04
Robert V. Vickers, Reg. No. 19,504
James E. Scarbrough, Reg. No. 47,056
1100 Superior Avenue
Seventh Floor
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(216) 861-5582


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Certificate of Mailing

Under 37 C.F.R. § 1.8, I certify that this Transmittal Letter is being

- ☐ deposited with the United States Postal Service as First Class mail, addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.
- ☐ transmitted via facsimile in accordance with 37 C.F.R. § 1.8 on the date indicated below.
- ☒ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: MAIL STOP ___, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Express Mail Label No.: |
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| December 23, 2004 |

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|--|
| Signature |
|  |
| Printed Name |
| Barbara Brazier |